

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1454.1678	APPLICATION NO.
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Elena COSTA	
		FILING DATE Concurrently	GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
/B.S./	AA	2004/0081123 A1	04/29/2004	KRISHNAN et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
/B.S./	AB	0 938 193 A1	08/25/1999	EUROPE			
/B.S./	AC	197 23 090 A1	12/03/1998	GERMANY		X	
/B.S./	AD	198 00 953 C1	07/29/1999	GERMANY		X	
/B.S./	AE	198 20 684 A1	11/11/1999	GERMANY		X	
/B.S./	AF	1 464 807 A2	12/10/2001	EUROPE			
	AG	03/010901 A1	02/06/2003	WIPO			
/B.S./	AH	102 40 138 A1	08/14/2003	GERMANY		X	
/B.S./	AI	1 418 776 A1	05/12/2004	EUROPE			
/B.S./	AJ	102 49 668 A1	05/13/2004	GERMANY		X	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
/B.S./	AK	E. Costa et al., "Optimization of Capacity Assignment in MC-CDMA Transmission Systems", in Fazel et al., eds., Multi-Carrier Spread-Spectrum and Related Topics, 2002; pp. 217-224.		

EXAMINER /Brian Stevens/	DATE CONSIDERED 12/08/2008
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO.	APPLICATION NO.
	1454.1678	1454.1678
	FIRST NAMED INVENTOR	
	Elena COSTA	
	FILING DATE	GROUP ART UNIT
	Concurrently	

German Patent 197 23 090 A1 (Reference AC) was cited in the International Search Report for International Application PCT/EP2004/051563 mailed March 18, 2005.

German Patents 198 00 953 C1 and 198 20 684 A1 (References AD and AD, respectively) were cited in the June 24, 2004 Office Action from the German Patent and Trade Mark Office for which an English translation is provided.

/Brian Stevens/

12/08/2008

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1454.1678	APPLICATION NO. 2
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Elena COSTA	
		FILING DATE (Concurrently)	GROUP ART UNIT

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

/B.S./	BA	Stefan Kaiser; "MC-FDMA and MC-TDMA versus MC-CDMA and SS-MC-MA: Performance Evaluation for Fading Channels"; Proceedings of IEEE 5th International Symposium on Spread Spectrum Techniques and Applications, 1998, pp. 200-204.
/B.S./	BB	H. Rohling et al., "OFDM Transmission Technique with Flexible Subcarrier Allocation"; IEEE Int'l Conference on Telecommunications ICT 1996; pp. 567-571.
/B.S./	BC	Thomas Keller et al., "Adaptive Multicarrier Modulation: A Convenient Framework for Time-Frequency Processing in Wireless Communications", Proceedings of the IEEE, Vol. 88, No. 4, May 2000; pp. 611-640.
/B.S./	BD	T. Kriengchaiyapruk et al., "Dynamic Allocation of Capacity in Utra TDD Systems"; 3G Mobile Communication Technologies, 26-28 March 2001 Conference Publication No. 477; pp. 262-266.
/B.S./	BE	Andrea Baiocchi et al., "IP QoS Delivery in a Broadband Wireless Local Loop: MAC Protocol Definition and Performance Evaluation"; IEEE Journal on Selected Areas in Communications; Vol. 18, No. 9, Sept. 2000; pp. 1608-1622.
/B.S./	BF	"Broadband Radio Access Network (BRAN)"; HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment; ETSI TS 101 761-4 V1.3.1 (2001-07); pp. 1-123.
/B.S./	BG	Khaled Fazel et al., eds., "Multi-Carrier Spread-Spectrum & Related Topics", Third Int'l Workshop September 26-28, 2001; pp. v-viii.
/B.S./	BH	Mark Klerer, "Introduction to IEEE 802.20; Technical and Procedural Orientation; March 10, 2003, 44 pages.
/B.S./	BI	Elena Costa et al.; "Capacity Optimisation in MC-CDMA Systems", ETT European Trans. on Telecom; Vol. 13, No. 5, Sept/Oct. 2002; pp. 1-10.
/B.S./	BJ	Elena Costa et al.; "Adaptive Sub-Band Allocation in MC-CDMA/FDM Systems", Proc. Int'l OFDM Workshop, (InOWo) 2002, Hamburg, Sept. 2002, 5 pages.
/B.S./	BK	
/B.S./	BL	
/B.S./	BM	
/B.S./	BN	

EXAMINER /Brian Stevens/	DATE CONSIDERED 12/08/2008
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS	ATTORNEY DOCKET NO.	APPLICATION NO.
	1454.1678	1454.1678
	FIRST NAMED INVENTOR	
	Elena COSTA	
	FILING DATE	GROUP/ART UNIT
	(Concurrently)	

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION	
			YES	NO
/B.S./	AL	International Search Report for International Application PCT/EP2004/051563 mailed March 18, 2005		
/B.S./	AM	German Office Action for German Application No. 103 38 053.1-42; mailed June 24, 3002.	X	

EXAMINER	/Brian Stevens/	DATE CONSIDERED	12/08/2008
<p>*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			